

## ABSTRACT OF THE DISCLOSURE

The present invention provides a fuel cell which is small-sized and light-weight for mounting in a mobile device, and has a high output-density. A 5 current-collector of a fuel electrode is bonded to a substrate of a fuel electrode in a fuel cell, rendering the current-collector to be thin and light-weight, and making it no longer necessary to use an end plate and a fastener. Fuel or oxidizer is supplied directly to a surface of the current-collector.